

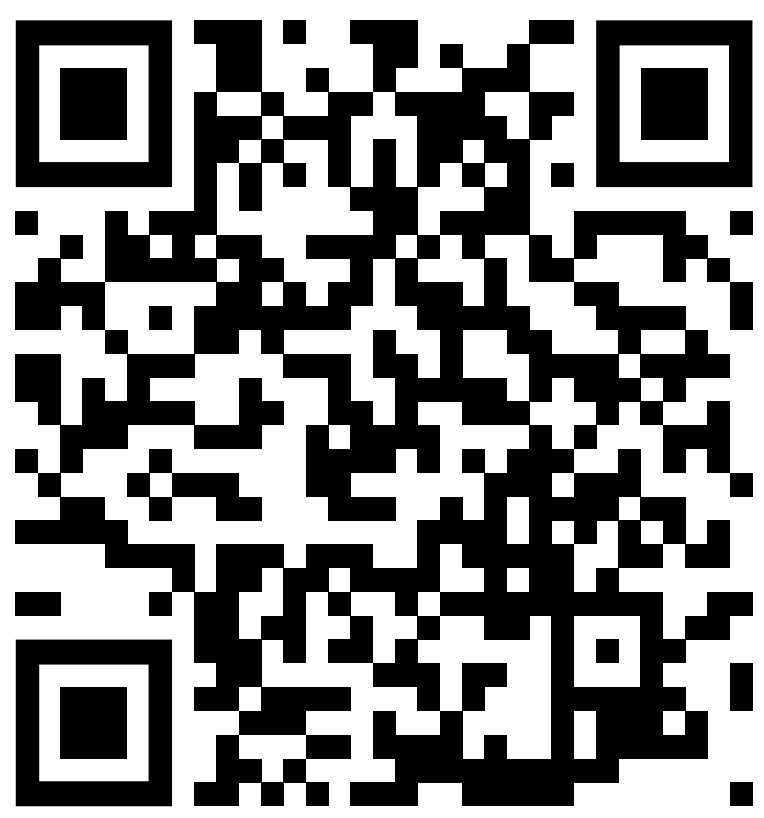


Beamline Instrumentation Support Software

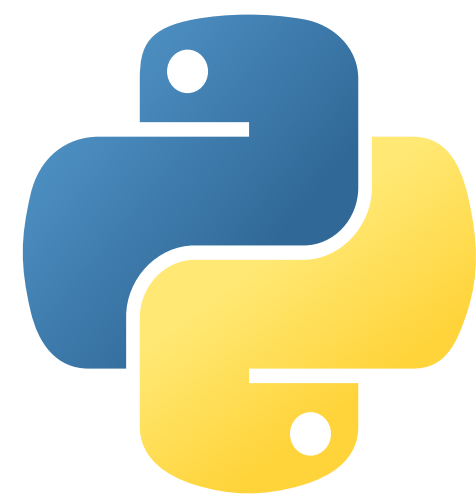
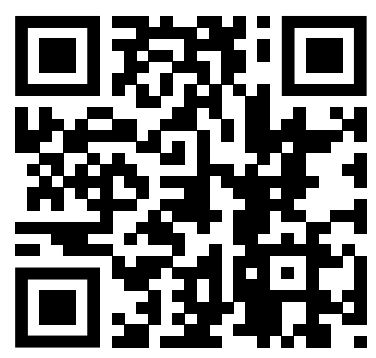


BLISS at the heart of ESRF beamline experiments control

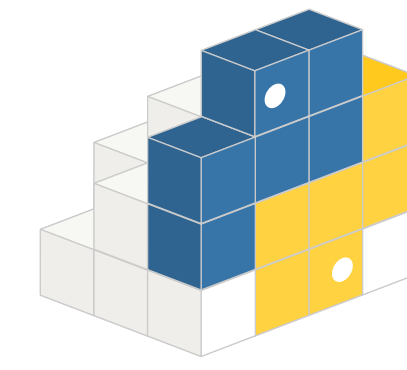
Want to know more?
Check out BLISS documentation



Want to participate?
Check out BLISS project page



Written in Python



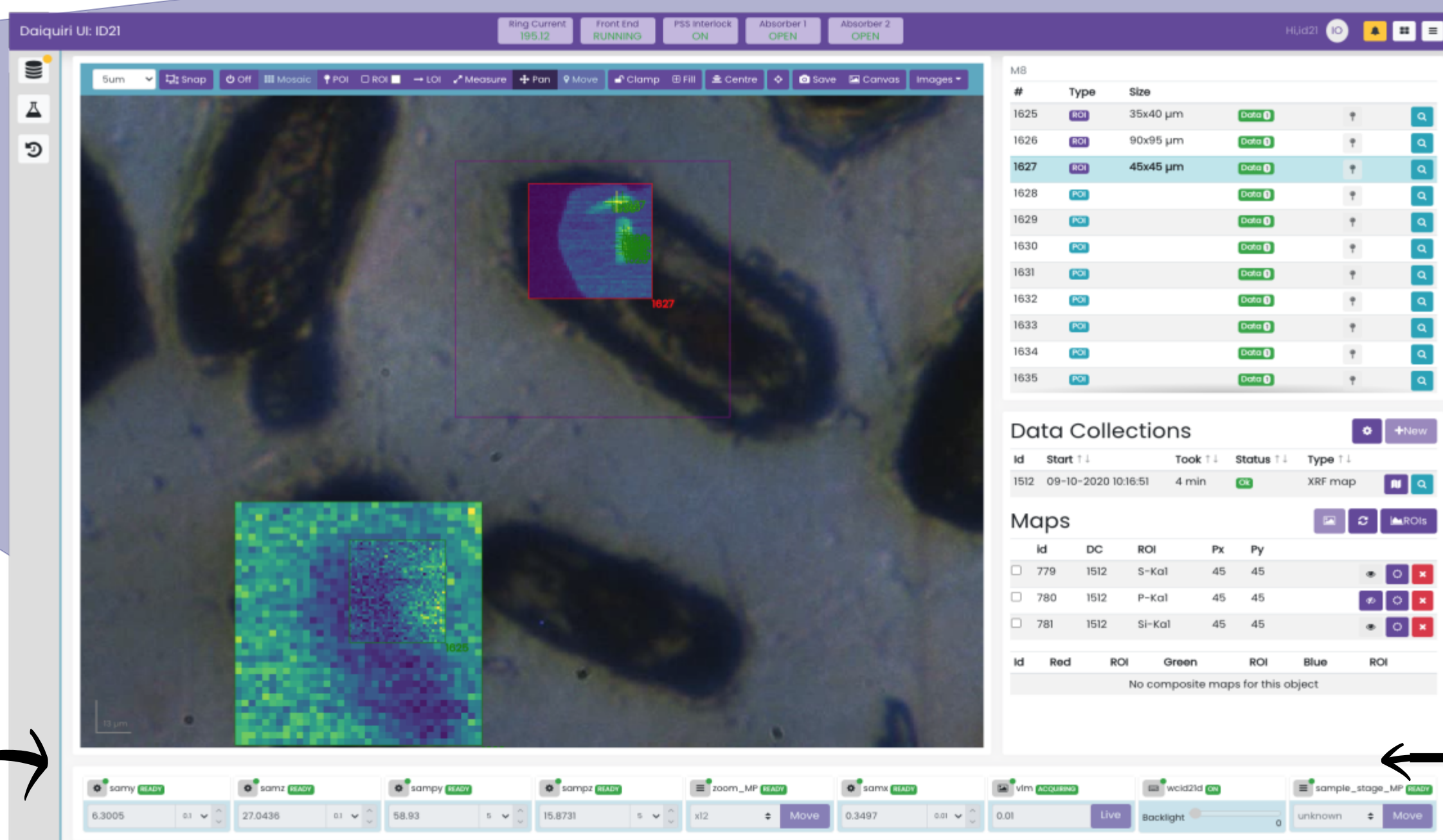
bliss 1.11.2

pip install bliss

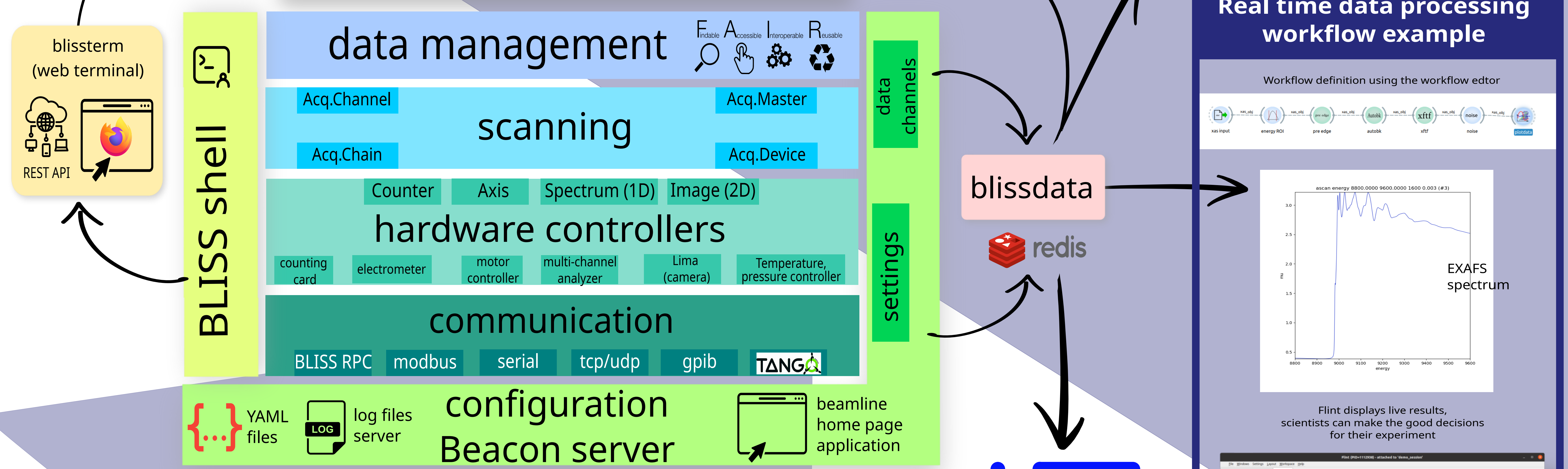
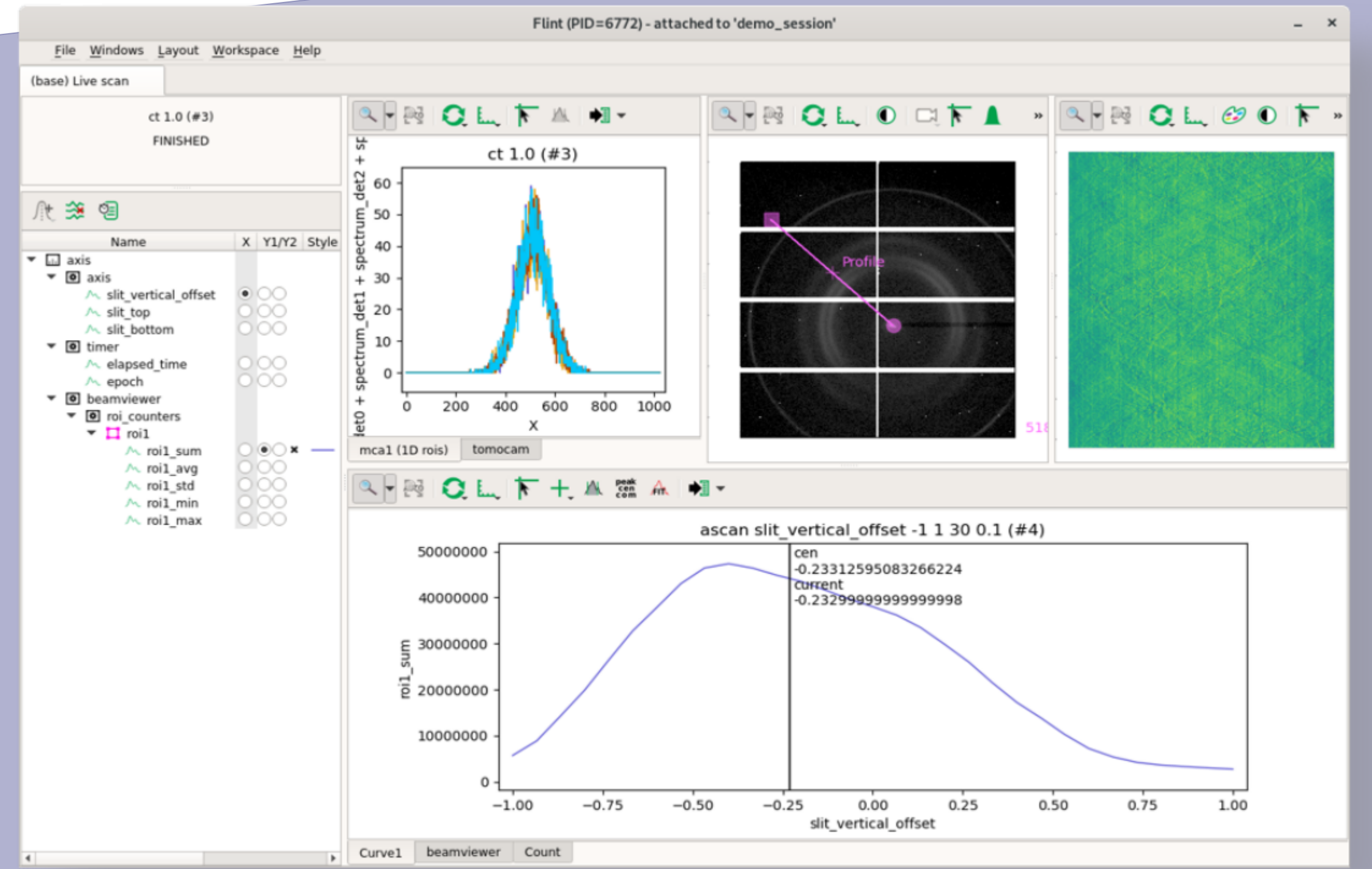
CONDA

conda install bliss -c esrf-bcu

Daiquiri: ESRF web application framework for beamlines



Flint: live data display



BLISS provides a holistic approach to run synchrotron experiments, from hardware control up to the end-user interface.

It is built as a modular pile of frameworks, orchestrated from a command line prompt. Users can write their own scripts in Python, using Python objects from the beamline setup defined in the configuration.

Configuration application: define experimental setups by grouping beamline devices

Thanks to blissdata, BLISS streams data to a buffer and enables external processes to save data, display results or to execute processing workflows.

With BLISS at the heart of data acquisition, ESRF has developed a full ecosystem to answer all beamline experiments control needs.

